



Department of Energy

Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

February 20, 2019

Illinois Environmental Protection Agency
Bureau of Land #24
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Sir/Madam:

SUBJECT: HAZARDOUS WASTE ANNUAL REPORT AND PAYMENT OF PERMIT AND
INSPECTION FEES FOR 2018, FERMI NATIONAL ACCELERATOR
LABORATORY, IEPA # 0890105010

Reference: E-mail, H. Wright to M. Weis, dated January 11, 2019, Subject: "Hazardous
Waste Annual Report Reminder, Fermi National Accelerator Laboratory
(Fermilab), Batavia, IL IEPA # 0890105010"

Enclosed please find an electronic copy of Fermilab's Hazardous Waste Annual Report for 2018 along with hard copies of the certification page and comment pages. Also enclosed is the annual permit and inspection fee report along with check number 1027491 for \$500 payable to the "Illinois Environmental Protection Agency" to cover the subject permit and inspection fees.

If you have any questions, please contact Rick Hersemann, of my staff, at (630) 840-4122.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Weis", is positioned above the printed name.

Michael J. Weis
Site Manager

Enclosures:
As Stated

cc: N. Lockyer, Fermilab, w/o encl.
A. Kenney, Fermilab, w/o encl.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

Division of Land Pollution Control
Annual Payment of Permit and Inspection Fees
Hazardous Waste Management Facility

Storing Hazardous Waste other than in a Surface Impoundment or Pile Report

**PI
FEES**

Site Name: Fermi National Accelerator Laboratory

Site Address: P.O. Box 500, Kirk and Pine Streets Batavia, IL 60510

IEPA Site Number: 0890105010

Annual Fee Due: \$500.00

Signature: *[Handwritten Signature]*

Title: Department of Energy Site Office Manager

Date: 2/20/2019

*If mailing address is different from the site address, please complete the following:

Company Name: _____

Contact Person: _____

Mailing Address: _____

This agency is authorized to require this information under Illinois Revised Statutes, 1987, as amended by Public Act 85-1343, Section 22.8. Disclosures of this information are required. Failure to do so may result in a civil penalty up to \$10,000 and an additional civil penalty up to \$1,000 for each day the failure continues and imprisonment up to one year. This form has been approved by the Forms Management Center.

4302 N. Main St., Rockford, IL 61103 (815) 987-7760
595 S. State, Elgin, IL 60123 (847) 608-3131
2125 S. First St., Champaign, IL 61820 (217) 278-5800
2009 Main St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph, Suite 10-300, Chicago, IL 60601 (312) 814-6026

PLEASE PRINT ON RECYCLED PAPER

Certification to be submitted with electronic data submissions

Please remember to submit the \$500 fee along with this certification and the electronic files. Please do not submit printed reports.

For Agency Use Only:
_ Fee Enclosed _ No Fee Enclosed

Company USEPA ID number: IL6890030046

Company IEPA ID number: 0890105010

Annual Hazardous Waste Report
Electronic data submission for year: 2018

Form types on the electronic data submission and number of pages for each type:

Form IC: 1 Pages

Form GM: 16 Pages

Form TI: 1 Pages

Form WR: 0 Pages (Receiving facilities only)

 The enclosed data files has passed the edits contained in the software.

☒ The enclosed data file did not pass the edits contained in the software, explanations are included in enclosed comments pages.

COST ESTIMATES FOR FACILITIES, interim status and permitted

A. Closure cost estimate: \$, 256 , 643 . 00

B. Estimate for post closure monitoring and maintenance costs (disposal facilities only):

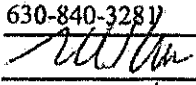
\$, , .

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached electronic data submission. I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Please print/type:

A. Last name Weis First Name Michael
B. Title Site Manager Fermi Site Office
C. Telephone 630-840-3281 Email address michael.weis@science.doe.gov
D. Signature 
E. Date of signature 2/20/2019

The Environmental Protection Agency is authorized to require this information under the Illinois Compiled Statutes (>ILCS@), 1994 as amended, Chapter 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to disclose this information may result in civil and criminal penalties pursuant to 415 ILCS 5/42 and 44. This form has been approved by the Forms Management Center.

Date: 02/19/2019

Amber M. Kenney
Chief Safety Officer

Mr. Michael J. Weis
Site Manager
Fermi Site Office
U.S. Department of Energy
P. O. Box 2000
Batavia, Illinois 60510
U.S.A.

ES&H Section
P.O. Box 500, MS 119
Kirk Road and Pine Street
Batavia, Illinois 60510-5011
USA
Office: 630.840.2977
Fax: 630.840.3390
lamber@fnal.gov

2018 Hazardous Waste Report

Dear Mr. Weis,

Enclosed please find an electronic copy of the Hazardous Waste Annual Report for CY 2018. The certification page must be signed and forwarded to the Illinois Environmental Protection Agency (IEPA) at the address below along with our check for the annual fee, electronic data file and hard copies of the comment pages. A hard copy of the entire submission is provided for your records.

Illinois Environmental Protection Agency
Bureau of Land #24
Post Office Box 19276
Springfield, Illinois 62794-9276

If you have any questions, please contact Amy Pavnica at ext. 8493.

Sincerely,



Amber M. Kenney
Chief Safety Officer

cc: N. Lockyer, w/o encl.

K. Gregory, w/o encl.

**ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
B.O.L. Inventory Data / Addresses**

US EPA ID: **IL6890030046**

IL EPA ID: **0890105010**

Facility Location

Send Mail
Here? **N**

Company Name:	FERMI NATIONAL ACCELERATOR LAB		
Telephone:	6308408493	P.O.Box:	500
Street Address:	WILSON RD		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	Amy Pavnica		

Owner Address

Send Mail
Here? **Y**

Company Name:	US DEPT OF ENERGY		
Telephone:	6304444122	P.O.Box:	2000
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	RICK HERSEMANN		

Operator Address

Send Mail
Here? **N**

Company Name:	FERMI RESEARCH ALLIANCE LLC		
Telephone:	6304444498	P.O.Box:	500
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
Contact Person:	DAVID HOCKIN		

Annual Report Mailing Address

Company Name:	US DEPT OF ENERGY (FERMILAB)		
Telephone:	6303333281	P.O.Box:	2000
Street Address:	KIRK & PINE		
City, State, Zip:	BATAVIA	IL	60510
	First Name	Last Name	Title
Contact Person:	MICHAEL	WEIS	C
Email Address:			

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form IC -- Identification and Certification

US. EPA ID: IL6890030046 IL. EPA ID: 0890105010

HAZARDOUS WASTE

RCRA Generator Status: <u>1</u>	<u>N</u> Transporter of Hazardous Waste <u>N</u> Transfer Facility (at your site) <u>Y</u> Treater, Storer, or Disposer of Hazardous Waste <u>N</u> Recycler of Hazardous Waste (at your site) Exempt Boiler and/or Industrial Furnace: <u>N</u> Small Quantity On-Site Burner exemption <u>N</u> Smelting, Melting Refining Furnace exemption <u>N</u> Underground Injection Control
Generator Activities <u>N</u> United States Importer of Hazardous Waste <u>Y</u> Mixed Waste(hazardous&radioactive) Generator	
Universal Waste Activities <u>Y</u> Large Quantity Handler (5000 kg) <div>Managed</div> Batteries <u>X</u> Pesticides <u>—</u> Mercury Containing Equipment <u>X</u> Lamps <u>X</u> <u>N</u> Destination Facility for Universal Waste	Used Oil Activities <u>N</u> Used Oil Transporter <u>N</u> Used Oil Transfer Facility <u>N</u> Used Oil Processor <u>N</u> Used Oil Re-refiner <u>N</u> Off-Specification Used Oil Burner <u>N</u> Marketer Who Directs Off-Spec Oil to Burner <u>N</u> Marketer Who Claims Oil Meets Spec.
NAICS Code(s) for this Location <u>541720</u> <u>0</u> <u>0</u> <u>0</u>	Site Land Type: <u>4</u> Owner Type: <u>4</u> Owner Start Date: <u>11/21/1967</u> Operator Type: <u>4</u> Operator Start Date: <u>01/01/2007</u>

Comments: N

Company Contact: MICHAEL, WEIS

Title: C

Phone: 6303333281

Page : 00002

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: MISC. AEROSOLS LAB PACKED

B. EPA Hazardous Waste Code(s) : D001 D035 D039 U226

C. Source Code : G11 D. Form Code : W801 Management Method :

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 4.00 lb/gal .

B. Quantity Generated in Current Reporting Year : 505.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : Quantity managed on-site this year : 0.0

On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 505.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

**IL6890030046
FERMILAB
WILSON RD
P. O. BOX 500
BATAVIA**

0890105010

**IL
60510**

**ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H050

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: MISC. SMALL QUANTITIES LAB PACKED

B. EPA Hazardous Waste Code(s) : LABP

C. Source Code : G11

D. Form Code : W001

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 5.94 lb/gal .

B. Quantity Generated in Current Reporting Year : 2,583.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 2,080.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : ILD098642424

C. Management method shipped to : H040

D. Total quantity shipped in this reporting year : 274.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

Page : 00004

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM – Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: ACUTE WASTE LAB PACKED

B. EPA Hazardous Waste Code(s) : P042

C. Source Code : G11

D. Form Code : W004

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 2.00 lb/gal .

B. Quantity Generated in Current Reporting Year : 1.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C.Management method shipped to : H141

D. Total quantity shipped in this reporting year : 1.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE ACIDIC RINSE WATER

B. EPA Hazardous Waste Code(s) : D002

C. Source Code : G09

D. Form Code : W105

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 8.34 lb/gal .

B. Quantity Generated in Current Reporting Year : 120.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 120.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

**IL6890030046
FERMILAB
WILSON RD
P. O. BOX 500
BATAVIA**

0890105010

**IL
60510**

**ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report**

COMMENTS:

Section 1, D

Waste Source Code: G09 – Rinse water containing trace amounts of hydrofluoric, nitric, phosphoric and sulfuric acid.

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H132

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: **COMBUSTIBLE MOTOR OIL & DIESEL FUEL**
B. EPA Hazardous Waste Code(s) : D001
C. Source Code : G19 D. Form Code : W206 Management Method : _____
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 7.20 lb/gal .
B. Quantity Generated in Current Reporting Year : 55.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0
On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENTA. Was any of this waste shipped off site this reporting year? Y**SITE 1.**

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 55.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report

COMMENTS:

Section 1, C.

Source Code: G19 – Diesel fuel contaminated engine oil drained from crank case

Page : 00007

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE CONCENTRATED ACID FOR ECHING

B. EPA Hazardous Waste Code(s) : D002

C. Source Code : G04

D. Form Code : W103

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 14.90 lb/gal .

B. Quantity Generated in Current Reporting Year : 6,815.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 6,054.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

**IL6890030046
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WILSON RD
P. O. BOX 500
BATAVIA**

0890105010

**IL
60510**

**ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H132

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: **TOXIC LEAD CONTAMINATED SOLIDS**
B. EPA Hazardous Waste Code(s) : D008
C. Source Code : G32 D. Form Code : W002 Management Method : _____
E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 1.61 lb/gal .
B. Quantity Generated in Current Reporting Year : 89.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0
On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENTA. Was any of this waste shipped off site this reporting year? Y**SITE 1.**

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 89.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

Page : 00009

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046

IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: TOXIC LEAD CONT. MACHINE COOLANT & WATER

B. EPA Hazardous Waste Code(s) : D008

C. Source Code : G19

D. Form Code : W113

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 8.34 lb/gal .

B. Quantity Generated in Current Reporting Year : 165.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148
C. Management method shipped to : H141
D. Total quantity shipped in this reporting year : 165.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

IL6 890 030 046 0890105010
FERMILAB
WILSON RD
P. O. BOX 500
BATAVIA IL
 60510

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report

COMMENTS:

Section 1, C.

Source Code: G19 - Coolant change out from machine tools i.e., grinders, mills, lathes used to machine metals containing lead.

Page : 00010

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: FLAMMABLE TOXIC SOLVENT CONTAMINATED WIPES/RAGS

B. EPA Hazardous Waste Code(s) : D001 F003 F005

C. Source Code : G19 D. Form Code : W002 Management Method :

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 1.38 lb/gal .

B. Quantity Generated in Current Reporting Year : 1,068.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : Quantity managed on-site this year : 0.0

On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 1,068.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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2018 Hazardous Waste Report**

COMMENTS:

Section 1, C.

Source Code: G19 - Rags generated from cleaning machined parts, glassware, and bench tops.

Section 4, Site 2, C

Management Method H141 - Shipped to Management Method H050

Page : 00011

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: REACTIVE, TOXIC POWER LOADS

B. EPA Hazardous Waste Code(s) : D001 D002 D008

C. Source Code : G11 D. Form Code : W319 Management Method :

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 3.30 lb/gal .

B. Quantity Generated in Current Reporting Year : 10.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : Quantity managed on-site this year : 0.0

On-Site System2:Management Method : Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : ILD098642424

C. Management method shipped to : H040

D. Total quantity shipped in this reporting year : 10.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to :

C. Management method shipped to :

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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COMMENTS:

Section 1, C.

Form Code: W 319 – Cartridges for HILTI tool. Cartridges contain powder containing glyceroltrinitrate, SINTOX, glycerol trinitrate and diphenylamine

Page: 00012

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM – Generation and Management

US EPA ID: IL6890030046 IL EPA ID: 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE CAUSTIC SOLUTION FOR ETCHING

B. EPA Hazardous Waste Code(s): D002

C. Source Code: G04

D. Form Code: W110

Management Method: _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM: 1. Gallons Density: 9.50 lb/gal.

B. Quantity Generated in Current Reporting Year: 30.0

SECTION 3. QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method: _____ Quantity managed on-site this year: 0.0

On-Site System2:Management Method: _____ Quantity managed on-site this year: 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to: WID003967148

C. Management method shipped to: H141

D. Total quantity shipped in this reporting year: 30.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: 0.0

COMMENTS: Y

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COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H120

Page : 00013

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ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE CONCENTRATED SULFURIC ACID

B. EPA Hazardous Waste Code(s) : D002

C. Source Code : G32

D. Form Code : W103

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 15.30 lb/gal .

B. Quantity Generated in Current Reporting Year : 1,343.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

Y

On-Site System1:Management Method : H142 Quantity managed on-site this year : 404.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C.Management method shipped to : H141

D. Total quantity shipped in this reporting year : 939.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

Page : 00014

Validated

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2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046

IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE ACIDIC CLEANING SOLUTION

B. EPA Hazardous Waste Code(s) : D002

C. Source Code : G02

D. Form Code : W103

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 10.00 lb/gal .

B. Quantity Generated in Current Reporting Year : 55.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : WID003967148

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 55.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

**ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management**

US EPA ID : IL6890030046 IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: TOXIC COMBUSTIBLE PARTS WASHER SOLVENT

B. EPA Hazardous Waste Code(s) : D039

C. Source Code : G01

D. Form Code : W211

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 1. Gallons Density : 6.70 lb/gal .

B. Quantity Generated in Current Reporting Year : 45.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : ILD000805911

C. Management method shipped to : H141

D. Total quantity shipped in this reporting year : 45.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : Y

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2018 Hazardous Waste Report**

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H020

Page : 00016

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2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046

IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: CORROSIVE TOXIC PAINT REMOVAL DEBRIS

B. EPA Hazardous Waste Code(s) : D002 D008

C. Source Code : G02

D. Form Code : W002

Management Method : _____

E. Waste Minimization Code: X

SECTION 2. QUANTITY GENERATED:

A. UOM : 3. Pounds (lbs) Density : 4.00 lb/gal .

B. Quantity Generated in Current Reporting Year : 431.0

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

N

On-Site System1:Management Method : _____ Quantity managed on-site this year : 0.0

On-Site System2:Management Method : _____ Quantity managed on-site this year : 0.0

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? N

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____

C. Management method shipped to : _____

D. Total quantity shipped in this reporting year : 0.0

COMMENTS : N

Page : 00017

Validated

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID : IL6890030046

IL EPA ID : 0890105010

SECTION 1. WASTE DESCRIPTION

A. Waste Description: **MIXED WASTE LEAD CONTAINING ACCELERATOR COMPONENTS**

B. EPA Hazardous Waste Code(s) : **D008**

C. Source Code : **G15**

D. Form Code : **W319**

Management Method : _____

E. Waste Minimization Code: **X**

SECTION 2. QUANTITY GENERATED:

A. UOM : **3. Pounds (lbs)** Density : **10.00** lb/gal .

B. Quantity Generated in Current Reporting Year : **0.0**

SECTION 3: QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.)

Y

On-Site System1:Management Method : **H143** Quantity managed on-site this year : **160.0**

On-Site System2:Management Method : _____ Quantity managed on-site this year : **0.0**

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? **N**

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : **0.0**

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : **0.0**

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : **0.0**

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : **0.0**

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to : _____
C. Management method shipped to : _____
D. Total quantity shipped in this reporting year : **0.0**

COMMENTS : **Y**

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2018 Hazardous Waste Report**

COMMENTS:

Section 1, D

Waste Form Code: W319 – Radioactive accelerator components containing lead.

Page#: 00002 *Validated*

ILLINOIS Environmental Protection Agency
2018 Hazardous Waste Report
Form TI - Transporter Identification

US EPA ID: IL6890030046 IL EPA ID: 0890105010

1.	U.S. EPA ID N	<u>NJD080631369</u>	Hauling Permit	<u>5176</u>
2.	U.S. EPA ID N	<u>TXR000081205</u>	Hauling Permit	<u>1123</u>
3.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
4.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
5.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
6.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
7.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>
8.	U.S. EPA ID N	<u> </u>	Hauling Permit	<u> </u>

Comments: N

IC Page No.: 00001 Passed Validation.

IC Records Passed Validation : 1

IC Records Failed Validation : 0

GM Page No.: 00002 Passed Validation.

GM Page No.: 00003 Passed Validation.

GM Page No.: 00004 Passed Validation.

GM Page No.: 00005 Passed Validation.

GM Page No.: 00006 Passed Validation.

GM Page No.: 00007 Passed Validation.

GM Page No.: 00008 Passed Validation.

GM Page No.: 00009 Passed Validation.

GM Page No.: 00010 Passed Validation.

GM Page No.: 00011 Passed Validation.

GM Page No.: 00012 Passed Validation.

GM Page No.: 00013 Passed Validation.

GM Page No.: 00014 Passed Validation.

GM Page No.: 00015 Passed Validation.

GM Page No.: 00016 Passed Validation.

GM Page No.: 00017 Passed Validation.

GM Records Passed Validation : 16

GM Records Failed Validation : 0

TI Page No.: 00002 Passed Validation.

TI Records Passed Validation : 1

TI Records Failed Validation : 0

ERROR(s) on Form 'WR' Page No.: 00002

Generator US EPA ID Cannot be empty !

Generator IL EPA ID Cannot be empty !

Unit of Measure - 1. Must Be 1,2 or 3. Not empty

Waste 1.Density Must Be Greater Than Zero!

WR Records Passed Validation : 0

WR Records Failed Validation : 1